**Haritha Yella**

**PROFFESIONAL SUMMARY:**

* 7 years of strong software experience in design, development and deployment of web-based Client-Server business applications using UI authoring and web technologies.
* Hands-on experience in identifying web-based user interactions along with designing and implementing highly responsive user interface components by deploying React concepts.
* Experience in developing Professional Web applications, Mobile applications and Enterprise solutions using Web Technologies like **HTML5, CSS3/LESS, JavaScript, Ajax, React, Redux, Node, SAAS, ECMAScript6/7, jQuery, DOM, JSON, XML**
* Working experience on **ES5, ES6, ES7** and **Typescript** features for handling asynchronous data requests.
* Experienced in building cross browser compatibility applications using **HTML5** and **CSS3**.
* Hands on expertise on **Redux, Flux, Webpack JavaScript** based applications
* Experience in using Redux to manage the application state and applying middleware such as **redux-thunk** and **redux-saga**.
* Good experience on customizing **CSS frameworks** like **Bootstrap** and Foundation using CSS pre-processors **LESS** or **SASS**.
* Good Experience in **React.js** for creating interactive UI's using One-way data flow, **Virtual DOM**, **JSX**, **React Native** concepts.
* Hands on experience using React **Hooks** API in functional components.
* Implemented easy to use **Bootstrap** plugins for building carousel, accordion, modal windows etc.
* Strong in developing **RESTful APIs** using **Node JS** to offer an easy and safe way to build high performance and scalable network application.
* Pleasant experience working with **Bootstrap** and **CSS3** media queries to support Responsive Web Design (**RWD**)
* Experience and building an isomorphic application using **React.js** and **Redux** with **GraphQL** on server side.
* Having experience in Charts Designs and functionality using **D3.js** and **Re Charts**
* Good Understanding of Document Object Model (**DOM**) and DOM Functions.
* Extensively used package management tools such as NPM, Yarn and Bower to manage the modules.
* Hands on experience with build tools such as **webpack** and **Grunt**.
* Good experience in using various version controls like **SVN**, and **GIT**.
* Good Working Knowledge on **Jasmine, Enzyme** and **Jest**.
* Experience writing automation test cases using **Cypress**.
* Experience with Firebug for Mozilla, Developer Toolbar for Chrome, and IE Developer Toolbar for Internet Explorer.
* Implemented and operated Agile (Scrum) Software Methodology.
* Good Team player and have ability to work independently.

**PROFESSIONAL EXPERIENCE:**

**Client:** United Airlines Jun 2023 – Tilldate

**React Developer**

**Responsibilities:**

* Spearheaded a Micro-Frontend architecture project using JavaScript, ES6, ReactJS, Ext JS, Next JS, ReduxSaga, RESTful services, HTML5/CSS3/SASS/Bootstrap, and Gitlab.
* Implemented Concurrent Mode in React 17 to enhance user experiences in complex applications.
* Utilized JSON for efficient data interchange in React applications.
* Leveraged redux-saga middleware to access and manage application state data manipulation and multiple actions.
* Experience in implementing common React Hooks, such as useState, useEffect, and useContext.
* Ability to design and develop complex user interfaces using React Hooks and functional components.
* Ensured cross-browser compatibility by developing responsive UI/UX with HTML5, CSS3, and JavaScript.
* Containerized front-end applications using Docker, simplifying deployment, and ensuring consistency.
* Conducted end-to-end testing with Cypress to ensure application reliability and functionality.
* Collaborated closely with back-end developers to seamlessly integrate front-end components into the overall application architecture.
* Utilized JavaScript performance tuning for fast page loading, involving DOM manipulation and eventhandling.
* Utilized Node.js for server-side rendering and Webpack for bundling and optimizing JavaScript assets.
* Integrated smooth animations and transitions for UI/UX improvements using CSS and JavaScript.
* Designed CSS templates for consistent use across all website pages, focusing on elements like background, positioning, text, border, margin, padding, and tables.
* Deployed Spring Boot applications to production environments and implemented RESTful web.
* Managed Jenkins builds and deployments and wrote test cases using the Jest framework.
* Led Scrum meetings, retrospectives, and mid-refinement meetings to ensure efficient project execution.

**Client:** TekSystems**/**RGA**,** Chesterfield, MI. May 2022 – May 2023

**React Developer**

**Responsibilities:**

* Developed and maintained responsive web applications using HTML, CSS, JavaScript, and modern front-end frameworks such as React.js, NextJS, and Redux.
* Developed multiple cross- platform mobile applications using React Native and created a highly responsive, pixel-perfect user interface with React and Typescript.
* Worked closely with the design and product teams to ensure that the user interface and user experience were both intuitive and visually appealing.
* Optimized website performance and loading times using techniques such as lazy loading, code splitting, and caching.
* Collaborated with back-end developers to integrate front-end features with server-side APIs and databases using REST APIs and GraphQL APIs.
* Improved page load speed by 17% by implementing code-splitting and optimizing performance with React.js and Apollo GraphQL.
* Ushered in and implemented a testing strategy in Jest and Cypress, resulting in a test coverage of 85% of all client code.  
  Executed unit and e2e testing frameworks, as well as ensuring all development was meeting WCAG accessibility standards.
* Built interactive, single-page React apps that could scale with both increase in interaction complexity and volume.
* Built UI with React.js, Html, JavaScript, SCSS, ES6 Material UI, Bootstrap4.
* Used the presentational and container component patterns for react design pattern.
* Responsive, mobile-first front-end web development with Material UI, Bootstrap4/5.
* Solved complex state management requirements with Redux and Saga, Context Api.
* Solved the React app performance issue by using React. Memo, use Call-back, use Memo functions.
* Form controlling and error handling with Material UI and React hook form and yield JavaScript library.
* Used AG-Grid to manage data and design for the Table components.
* Implemented the Drag and Drop Functionality using React Beautiful Drag and Drop.
* Integrated all frontend functionalities and third-party APIs with backend through axios JavaScript library.
* Utilized eslint to maintain consistent styling and check for errors and coding guidelines.
* Worked extensively on GIT as Version Control.
* Tested React Components and Functionalities with Jest & Enzyme.
* Participate in code reviews, testing, and deployment processes to ensure code quality, reliability, and scalability.
* Implemented automated testing using tools such as Cypress to ensure code quality and improve overall product stability.
* Kept up-to-date with the latest front-end technologies and trends, and brought new ideas and best practices to the team.

**Client:** Apple**,** Cupertino, CA. Dec 2021 – Apr 2022

**React Developer**

**Responsibilities:**

* Develop high performance customer facing e- commerce application using ReactJS, Redux- saga, React Hooks, React-Router, JavaScript, HTML5, CSS3, SASS, Bootstrap4.
* Built custom components for UX-Library consisting of Accordion, Filters, Dropdown, Carousel, Button, Checkbox, Input, Icons.
* Developed custom API layer to handle all CRUD transactions, JWT token management and implemented interceptors to embed custom headers.
* Maintained high-level expertise in React state management strategies, including Redux, Redux Persist and redux-saga.
* Exclusively used React-Hooks to handle application life-cycle processes.
* Involved in creating a reusable component using React JS for DOM manipulation
* Project is implemented by following TDD using Jest framework for React along with Enzyme test utilities.
* Worked closely with clients to establish specifications and system designs.
* Used Zeplin and Invision to collaborate with UX Used Middleware, Redux-Saga with ImmutableJS in application to retrieve and store data from Back-End and to also perform RESTFUL services.
* Used ES6, JSX with react for component development make react look more elegant.
* Used Babel.js to transpile ES6 and JSX into JavaScript
* Effective use of native HTML elements and custom tags to enhance SEO optimization and application ADA compliance feature.
* Implemented CSS Box Model and styled web pages using CSS preprocessor SASS and effectively used mixins, functions, custom grid systems, grid-area concepts and flexbox for fluid-responsive application.
* Used JIRA for Bug Tracking and JSLint for ensuring quality code.
* Involved in unit testing of various modules by generating the test cases using Jest & Enzyme.
* Created unit tests using Enzyme, Mocha, Shallow.
* Worked in Agile Methodologies for incremental development to deliver better application.

**Environment:** HTML5, SASS, React JS, React Hooks, Redux Saga, Flux, Node JS, jQuery, webpack, Babel, JIRA, Jest, Enzyme, Cypress and Jenkins.

**Client:** BestBuy**,** Minneapolis, MN Mar 2021 – Nov 2021

**React/Redux Developer,**

**Responsibilities:**

* Built web applications through CSS frameworks such as bootstrap and antd.
* Handled cross browser/platform compatibility issues on both web and Mobile view
* Performed Unit Testing and Integration testing of the application.
* Worked on the Agile Scrum Development team to deliver the user stories in sprint plan.
* Worked Code reviews and merging the code into main branch using GitLab repositories.
* Worked on payments and checkout components in Bestbuy
* Worked on Production issues and defects
* Gathering the requirements from the Project Owner and Business.
* Designing and developing the web pages using HTML 5, CSS3, JavaScript, SASS, LESS, React.js, , Flex, Node.js,
* Manage/Follow up Issues fixes Check in and document code modifications.
* Participate in all AGILE ceremonies, scrum meetings, daily stand ups, Backlog pointing sessions, retrospections, Planning sessions, etc.
* Responsible for the development of Responsive UI screens/views applying Media Queries

Environment: React.js, FlexBox, HTML5, CSS3, SCSS, JavaScript, JQuery, Bootstrap, JSON, Jenkins Git, JIRA.

**Client:** Delta Airlines**,** Atlanta, GA Mar 2020 – Feb 2021

**React/Redux Developer,**

**Responsibilities:**

* Involved in designing and developing the web pages using HTML 5, SASS, React JS, Redux Saga, Flux, Node JS, CSS, Type Script, Java Script, Bootstrap, Node.js, NPM, Mongo DB.
* Developed a front-end web application for Global Network Operations using React JS, Redux, Bootstrap, ES6/Babel and Webpack.
* Used latest features such as Hooks in functional components.
* Use React JS to create more responsive webpages, which can be compatible with all the browsers and compatible with the different devices.
* Responsible for creating POCs of new JavaScript technologies such as GraphQL and Observables (RxJS).
* Developed Single-page Responsive web pages using HTML5, React, Twitter Bootstrap, CSS3, JavaScript and jQuery.
* Wrote JavaScript Code for React JS and Node JS to interact with server and Network application.
* Implemented Redux Saga's with actions and reducers to implement a sync API calls.
* Developed user interface by using the React js, Redux for SPA development.
* Implemented Reusable components with React, Styled components and context API.
* Data fetching is implemented with GraphQL and React Apollo.
* Enhanced user experience with React’s life cycle methods, including component-Did-Mount, should-Component-Update, component-Will-unmount.
* Worked on Redux with React to handle large chunks of data for the better performance.
* Implemented highly scalable micro and macro components with React 16.x.
* Implemented React container and presentational components (as Stateless and Functional components when applicable)
* Used React-Router to create a single page application. Applied Router Guard to deny unauthorized access
* Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags.
* Configured Web pack to execute linters, magnifiers, pre/post-processors, tests, transpires, etc. based on builds.
* Built a build system using webpack 4 and NPM.
* Design and Developed Dispenser Dashboard to show data from IOT Devices and data can be show in Chart (Re charts) and developed Site Dashboard and its functionalities.
* Extracted reusable logic from components as Higher-Order Components such as infinity scroll to achieve more flexibility.
* Performed Unit testing on React JS applications using tools like Enzyme and Cypress.

**Environment:** HTML5, SASS, React JS, Redux Saga, Flux, Node JS, jQuery, webpack, JIRA, Jest, Enzyme, Cypress and Jenkins

**Client:** Target, Minneapolis, MN Oct 2018 – Feb 2020

**React/Redux Consultant,**

**Responsibilities:**

* Involved in interacting with Application Development Manager in the analysis and estimation of future work and interacting with Architects on the design and architecture for our team's deliverables.
* Used Bootstrap and Media Queries to create Responsive Web Design (RWD) and worked with CSS3 preprocessors such as SASS, LESS.
* Used Redux-Store for storing state of the React Application and worked with middleware for the Redux-Store.
* Proficient at using React JS to render some advanced components on the server side, along with Flux pattern and Redux (RXJS) library.
* Added new features using React/Redux for functionality of few modules.
* Implemented stable React components and stand-alone functions to be added to any future pages.
* Provided client-side validations using Redux framework.
* Did wiring of the components with redux and Redux-saga.
* Extensively used Redux Sagas to manage side effects in React and Redux.
* Wrote data mutations in GraphQL which allows user to update their preferences.
* Worked with Redux for creating own HTML elements for building organizational Web site.
* Development on multiple devices and multiple browsers including both mobile and desktop using ReactJS and Redux Components.
* Created a single page site to display the status of customer orders using React, Redux and Immutable.
* Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags.
* Coded extensively using JavaScript MVC Framework Redux to make rich internet web application for a Single page web-app.
* Worked with NPM commands and using package.json for managing dependencies and dev-dependencies of node js applications.
* Used High charts and D3.js for creating Graphs and implemented the filtering functionality for the graphs.
* Developed test scripts for Functional Testing and Regression testing in Selenium WebDriver on Visual Studio 2015 with JavaScript as scripting language and TestNG framework.
* Wrote unit testing using karma and jasmine to achieve 100% code coverage.
* Utilized NoSQL extensively for data retrieving, querying, storage and manipulation.
* Automating the build process using Jenkins
* Mock testing using the Rhino Mock framework, Jasmine
* Automating application deployment on AWS
* Performing penetration testing on web application

**Environment:** HTML5, CSS3, JavaScript, jQuery, RESTFul Web Services, JSON, MongoDB, Node.js, ExpressJS, Jasmine, karma, GIT, Scrum, Agile, Webstorm, React.js, Redux, Bootstrap, Amazon Web Services.

**Client:** Innovaptive, India Mar 2016 – Jul 2018

**UI Developer,**

**Responsibilities:**

* Worked within AGILE team and participated in multiple scrum meetings to discuss planning and development needs for current cycle.
* Involved in development, design and implementation of front-end part widget based application.
* Developed React JS pages, Web services calls and AJAX calls for the application.
* Designed the table less web applications using CSS and with the help of and tags as per W3C standards.
* Designed and developed dynamic web pages using HTML5, CSS3 and JavaScript.
* Used React JS in development of the web application to bind the data/model that is being retrieved from a database through services provided in a controller to the view using scope.
* Used React JS in components like JSX, creating React components.
* Reviewed feedback about the debugging issues, fixed bugs with HTML, JavaScript codes and worked on resolving Browser compatibility issues.
* Worked with CSS Preprocessor SASS to build better and optimized Style sheets.
* Worked on JavaScript programming to give AJAX functionality for the website.
* Responsible for the design of web applications right from the conceptualization stage to its implementation and maintenance.
* Involved in separation of components and deploying in different servers and balancing the load among each Server
* Involved in writing application level code to interact with APIs, Web Services using AJAX, JSON and XML.
* Responsible for checking cross browser compatibility and hence worked on different browsers like Safari, Internet explorer, Firefox and Google chrome.
* Demonstrated implementation and up-gradation of JavaScript Library. Involved in configuring the GIT repository and maintain the version control using GIT.
* Using tools like GIT for version controlling chrome developer tools for Debugging and Jenkins for deploying the code to different environments.

**Environment:** HTML, CSS, JavaScript, React JS, JSON, AJAX, XML, GIT, Jenkins, Windows.

**EDUCATION: *Master’s in Computer Science from Auburn University***

***Bachelor’s in CSE from Anna University***